

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

United States Department of Agriculture,

DIVISION OF STATISTICS.

U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF THE STATISTICIAN,
Washington, D. C., November 14, 1898.

SIR: I have the honor to transmit herewith a report on the production of cotton in the United States in the year 1897-98, prepared, under the general direction of the Statistician, by Mr. James L. Watkins, of this division. The results set forth in the report have been arrived at not by means of local estimates, for which a certain margin of error is always to be allowed, but from returns of the movement of cotton from the plantation to points of shipment or consumption. For these returns the office is under many obligations to the officials of the different railway and water transportation companies and of cotton and woolen mills, and also to many other correspondents.

JOHN HYDE, *Statistician.*

HON. JAMES WILSON,
Secretary of Agriculture.

THE COTTON CROP OF 1897-98.

The estimate herein given of the cotton crop of 1897-98 is based on official statements of the railway and water transportation companies in the cotton-growing States, showing the number of bales of cotton forwarded by them to all ports, to Northern, Eastern, and Western mills, and to all other destinations, from September 1, 1897, to August 31, 1898, inclusive; also on statements made by the officials of all the mills located in the cotton States that were in operation, showing the amounts of cotton purchased by them for consumption during the year; and on the reports of special agents located at the ports and other important receiving points in the interior.

All the statistical data contained in this report were derived from the same sources, and were compiled in the same manner, as were those employed in estimating the crops of the three previous seasons. Briefly stated, the method of estimating the crop of a State is to credit it with the production of all cotton originating within its borders which is shown to have been forwarded by rail, water, and wagon to ports and all other destinations outside of the State. To this is added the amounts purchased by the mills located within the State. From this

total is deducted all cotton forwarded to the interior markets and mills within the State from interior points in other cotton States, and the amounts taken during the season by its mills from its own and other ports.

It may be added that there is not a railway or water transportation line that has carried cotton to the ports of the cotton States, or to points beyond the State in which it originated, that has not reported to the Department the entire movement by its line during each month of the season.

The table below gives the results of the investigation of the movement by rail, water, and wagon, and the amounts of cotton taken by the mills from the current crop, in each State and Territory during the twelve months ended August 31, 1898.

Cotton crop of 1897-98.

[In commercial bales.]

States and Territories.	Movement and mill purchases.			Taken from other States and ports.			Total crop.
	Forwarded by rail, etc.	Bought by mills.	Total.	Taken from other States.	Taken from ports.	Total.	
Alabama.....	1,038,181	97,404	1,135,585	20,941	1,963	22,904	1,112,681
Arkansas.....	933,497	1,645	935,142	22,875	.....	22,875	942,267
Florida.....	53,657	.....	53,657	.....	.....	.....	53,657
Georgia.....	1,254,066	285,219	1,539,285	188,004	500	188,504	1,350,781
Indian Territory.....	221,998	.....	221,998	14,612	.....	14,612	207,386
Kansas.....	139	.....	139	.....	.....	.....	139
Kentucky.....	35	26,516	26,551	26,516	.....	26,516	35
Louisiana.....	881,987	16,065	898,052	98,742	15,985	109,727	788,325
Mississippi.....	1,561,529	20,508	1,582,037	57,266	.....	57,266	1,524,771
Missouri.....	26,848	4,023	30,871	4,023	.....	4,023	26,848
North Carolina.....	367,780	334,873	702,653	52,596	3,331	55,927	646,726
Oklahoma.....	110,175	.....	110,175	.....	.....	.....	110,175
South Carolina.....	636,542	398,456	1,034,998	1,581	3,332	4,913	1,030,085
Tennessee.....	257,960	35,773	293,733	25,098	.....	25,098	268,635
Texas.....	2,918,454	14,312	2,932,766	102,991	7,367	110,358	2,822,408
Utah.....	60	.....	60	.....	.....	.....	60
Virginia.....	12,878	42,880	55,758	42,880	.....	42,880	12,878
Total.....	10,365,786	1,277,674	11,583,460	653,125	32,478	685,603	10,897,857

The above table includes whatever stocks of cotton of the crop of 1896-97 may have been held at interior towns and on plantations on September 1, 1897. "Taken from ports" includes only the cotton purchased by mills located in the cotton States and which has already been counted in the movement to ports. "Taken from other States" includes all deliveries by rail and wagon from interior points and plantations of one State to interior points of another, and also all cotton forwarded from interior points of one State to the mills of another, all of which is credited to the State in which it originated.

The cotton produced in Kansas and Kentucky was forwarded to St. Louis, the former by rail and the latter by river. The cotton produced in Utah was consumed by one of the mills located in the county in which the cotton was grown.

CROP OF ALABAMA.

The following statement shows in detail the movement of cotton by rail, water, and wagon from all interior points in Alabama to the port of Mobile and to destinations beyond the State:

Forwarded—	Bales.
By rail to Savannah, Ga.....	306,626
By rail and water to Mobile.....	195,082

Forwarded—Continued.

	Bales.
By rail to New Orleans, La.....	97,482
By rail to Pensacola, Fla.....	81,769
By rail to New England mills.....	72,972
By rail to Norfolk, Va.....	67,099
By rail to Brunswick, Ga.....	63,699
By rail and wagon to interior Mississippi points.....	26,030
By rail to Charleston, S. C.....	24,321
By rail to Tennessee mills.....	18,836
By rail, water, and wagon to Columbus, Ga.....	14,826
By rail to interior Georgia points.....	13,378
By wagon to West Point, Ga.....	13,060
By rail to Memphis, Tenn.....	10,387
By rail to Newport News, Va.....	8,475
By rail to Fernandina, Fla.....	4,590
By rail to Ohio River points.....	3,791
By wagon to Fort Gaines, Ga.....	3,316
By rail to Boston, Mass.....	3,026
By rail to Virginia mills.....	2,856
By rail to Baltimore, Md.....	1,345
By rail to West Point, Va.....	1,289
By rail to Cincinnati, Ohio.....	1,162
By rail to North Carolina mills.....	894
By rail to Philadelphia, Pa.....	689
By rail to Canada.....	375
By rail to Port Royal, S. C.....	306
By rail to Louisville, Ky.....	300
By rail to New York, N. Y.....	200

Total movement..... 1,038,181

Less—	
Rail deliveries from Mississippi at interior points.....	9,378
Water and wagon deliveries from Georgia at Enfaula.....	7,036
Rail deliveries from Tennessee at mill points.....	2,322
Rail deliveries from Georgia at interior points.....	2,201
Rail deliveries from Florida at interior points.....	4
	<hr/> 20,941

Net movement.....	1,017,240
Add mill purchases.....	97,404
	<hr/> 1,114,644
Less taken from ports.....	1,963

Total crop of Alabama..... 1,112,681

Forwarded to "New England mills" includes all cotton destined to mill points east of the State of Ohio; to "Ohio River points," all cotton destined to mill points between the Mississippi River and Pennsylvania and north of the cotton States.

CROP OF ARKANSAS.

The following statement shows in detail the movement of cotton by rail, water, and wagon from interior points in Arkansas:

Forwarded—	Bales.
By rail and water to St. Louis, Mo.....	474,640
By rail, water, and wagon to Memphis, Tenn.....	183,264
By rail and water to New Orleans, La.....	163,603
By rail to New England mills.....	88,981
By rail to Shreveport, La.....	32,912
By rail to north Atlantic ports.....	15,790
By rail to Galveston, Tex.....	3,999
By rail to Missouri mills.....	143
By rail to Louisville, Ky.....	125
By rail to Baton Rouge, La.....	32
By rail to Paris, Tex.....	5
By rail to Vicksburg, Miss.....	3
Total movement.....	<hr/> 963,497

Less—	Bales.
Rail and wagon deliveries from Indian Territory at Fort Smith..	11,852
Rail and wagon deliveries from Texas at Texarkana	5,841
Rail deliveries from Oklahoma at Fort Smith	2,920
Wagon deliveries from Indian Territory at Van Buren	1,200
Rail deliveries from Mississippi at Helena	1,062
	<hr/> 22,875
Net movement	940,622
Add mill purchases	1,645
Total crop of Arkansas	<hr/> 942,267

CROP OF FLORIDA.

The following statement shows in detail the movement of cotton by rail and river from interior points in Florida:

Forwarded—	Bales.
By rail to Savannah, Ga.....	36,257
By rail to Mobile, Ala.....	5,435
By rail to Jacksonville.....	5,168
By river to Columbus, Ga.....	5,089
By rail to New Orleans, La.....	1,401
By rail to Brunswick, Ga.....	254
By rail to interior Tennessee points	33
By rail to Baltimore, Md.....	9
By rail to Charleston, S. C.....	7
By rail to interior Alabama points	4
Total crop of Florida	<hr/> 53,657

The receipts at Jacksonville, as shown above, include only cotton forwarded from interior points in Florida. There were 7,647 bales forwarded by the Choctawhatchee River to Caryville, and thence by rail to Mobile and New Orleans. This cotton is included in the Alabama movement to those ports, and hence is not deducted from the crop of Florida.

CROP OF GEORGIA.

The following statement shows in detail the movement of cotton by rail, river, and wagon from interior points in Georgia:

Forwarded—	Bales.
By rail, river, and wagon to Savannah	749,132
By rail to Norfolk, Va.....	202,443
By rail to Charleston, S. C.....	145,956
By rail to Brunswick	68,576
By rail to New England mills	27,714
By rail to Port Royal, S. C.....	25,902
By water and wagon to Eufaula, Ala	7,036
By rail to New Orleans, La.....	4,726
By rail to North Carolina mills.....	4,040
By rail to Tennessee mills.....	3,625
By rail to New York, N. Y.....	2,350
By rail to interior Alabama points.....	2,201
By rail to Baltimore, Md.....	2,146
By rail to Fernandina, Fla.....	1,852
By rail to Virginia mills	1,435
By rail to South Carolina mills.....	1,248
By rail to Canada.....	1,000
By rail to Cincinnati, Ohio	650
By rail to Pensacola, Fla.....	500
By rail to Philadelphia, Pa.....	380
By rail to Wilmington, N. C.....	378
By rail to Jacksonville, Fla.....	270
By rail to Ohio River points	262
By rail to Western mills	167
By rail to Boston, Mass.....	77
Total movement	<hr/> 1,254,066

Less—	Bales.
Rail, water, and wagon deliveries from South Carolina at Augusta	136,695
Rail, water, and wagon deliveries from Alabama at Columbus	14,826
Rail deliveries from Alabama at interior points	13,302
Wagon deliveries from Alabama at West Point	13,060
Water deliveries from Florida at Columbus	5,089
Wagon deliveries from Alabama at Fort Gaines	3,316
Rail deliveries from South Carolina at interior points	1,275
Rail deliveries from Tennessee at interior points	240
Rail deliveries from Alabama at Augusta	76
Rail deliveries from Mississippi at Augusta	75
Rail deliveries from North Carolina at Augusta	50
	<hr/> 188,004
Net movement	1,066,062
Add mill purchases	285,219
	<hr/> 1,351,281
Less taken from ports	500
	<hr/> 1,350,781

The receipts at Savannah, as shown in the above statement, include all cotton forwarded by rail, by the Savannah River, and by wagon from interior Georgia points.

CROP OF INDIAN TERRITORY.

The following statement shows in detail the movement of cotton by rail and wagon from Indian Territory:

Forwarded—	Bales.
By rail to Galveston, Tex.	102,783
By rail to St. Louis, Mo.	29,732
By rail and wagon to Denison, Tex.	20,057
By rail to Boston, Mass.	11,879
By rail and wagon to Fort Smith, Ark.	11,852
By rail and wagon to Gainesville, Tex.	11,135
By rail to New England mills	10,693
By rail to New York, N. Y.	7,620
By rail to interior Texas points	7,456
By rail to Sherman, Tex.	2,785
By wagon to Van Buren, Ark.	1,200
By rail to Western mills	1,191
By rail to Houston, Tex.	1,160
By rail to Shreveport, La.	991
By rail to Philadelphia, Pa.	616
By rail to Seattle, Wash.	316
By rail to North Atlantic ports	280
By rail to New Orleans, La.	103
By rail to Canada	84
By rail to Fort Worth, Tex.	33
By rail to Dallas, Tex.	2
	<hr/> 221,998
Total movement	221,998
Less—	
Rail deliveries from Oklahoma at Ardmore	14,359
Rail deliveries from Oklahoma at Purcell	145
Rail deliveries from Oklahoma at South McAlester	96
Rail deliveries from Oklahoma at Wister	12
	<hr/> 14,612

Net movement and crop of Indian Territory 207,386

CROP OF LOUISIANA.

The following statement shows in detail the movement of cotton by rail and water from interior points in Louisiana:

Forwarded—	Bales.
By rail and water to New Orleans	772, 173
By rail to New England mills	34, 585
By rail to Galveston, Tex	18, 478
By rail to Natchez, Miss	18, 355
By rail to St. Louis, Mo	12, 024
By rail to Vicksburg, Miss	10, 794
By rail and water to Memphis, Tenn	10, 055
By rail to Houston, Tex	4, 502
By rail to Jackson, Miss	579
By rail to Louisville, Ky	242
By rail to Seattle, Wash	200
Total movement	881, 937
Less—	
Rail and wagon deliveries from Texas at Shreveport	39, 379
Rail deliveries from Arkansas at Shreveport	32, 912
Rail and wagon deliveries from Texas at Logansport	12, 446
Rail deliveries from Mississippi at—	
Baton Rouge	5, 328
Bayou Sara	2, 654
Rail deliveries from Indian Territory at Shreveport	991
Rail deliveries from Arkansas at Baton Rouge	32
	93, 742
Net movement	788, 245
Add mill purchases	16, 065
	804, 310
Less taken from ports	15, 985
Total crop of Louisiana	788, 325

The receipts at New Orleans, as shown in the above statement, include all cotton forwarded by rail, river, and lake from interior Louisiana points.

CROP OF MISSISSIPPI.

The following statement shows in detail the movement of cotton by rail, river, and wagon from Mississippi:

Forwarded—	Bales.
By rail and water to New Orleans, La	812, 364
By rail, river, and wagon to Memphis, Tenn	293, 863
By rail to New England mills	266, 336
By rail to Mobile, Ala	86, 226
By rail to Norfolk, Va	19, 322
By rail to Louisville, Ky	11, 452
By rail to Savannah, Ga	9, 554
By rail to interior Alabama points	9, 378
By rail to Boston, Mass	9, 154
By rail to interior Louisiana points	7, 982
By rail to Brunswick, Ga	7, 975
By rail to Pensacola, Fla	5, 465
By rail to Virginia mills	3, 833
By rail to North Carolina mills	3, 447
By rail to Tennessee mills	2, 604
By rail and river to St. Louis, Mo	2, 273
By rail to Baltimore, Md	1, 744
By rail to Canada	1, 442
By rail to Western mills	1, 368
By rail to New York, N. Y	1, 152
By rail to Philadelphia, Pa	1, 146

Forwarded—Continued.		Bales.
By rail to Helena, Ark		1, 062
By rail to Pacific ports		1, 020
By rail to Ohio River points		532
By rail to Charleston, S. C.		405
By rail to Newport News, Va		200
By rail to Cincinnati, Ohio		96
By rail to Augusta, Ga		75
By rail to North Atlantic ports		59
By rail to Chicago, Ill.		9
Total movement		1, 561, 529
Less—		
Rail deliveries from Louisiana at Natchez	18, 355	
Rail and wagon deliveries from Alabama at Columbus	12, 635	
Rail deliveries from Alabama at Meridian	13, 130	
Rail deliveries from Louisiana at Vicksburg	10, 794	
Rail deliveries from Tennessee at interior points	1, 501	
Rail deliveries from Louisiana at Jackson	579	
Rail deliveries from Alabama at interior points	265	
Rail deliveries from South Carolina at Vicksburg	4	
Rail deliveries from Arkansas at Vicksburg	3	
		57, 266
Net movement		1, 504, 263
Add mill purchases		20, 508
Total crop of Mississippi		1, 524, 771

CROP OF MISSOURI.

The following statement shows in detail the movement of cotton by rail and river from Missouri:

Forwarded—		Bales.
By rail and river to St. Louis		22, 265
By rail and river to Memphis, Tenn.		4, 548
By rail to New England mills		35
Total movement and crop of Missouri		26, 848

For statistical purposes, St. Louis, which receives the bulk of the crop of the State, is treated as a port.

CROP OF NORTH CAROLINA.

The following statement shows in detail the movement of cotton by rail and water from interior points in North Carolina:

Forwarded—		Bales.
By rail and canal to Norfolk, Va.		190, 783
By rail and water to Wilmington		156, 536
By rail to Virginia mills		10, 795
By rail to New York, N. Y.		5, 223
By rail to Baltimore, Md.		2, 651
By rail to Philadelphia, Pa.		793
By rail to Boston, Mass.		315
By rail to South Carolina mills		283
By rail to New England mills		261
By rail to Charleston, S. C.		88
By rail to Augusta, Ga		50
By rail to Ohio River points		2
Total movement		367, 780

Less—	Bales.
Rail deliveries from South Carolina at mill points	43, 131
Rail deliveries from Georgia at mill points	4, 040
Rail deliveries from Mississippi at mill points	3, 447
Rail deliveries from Tennessee at mill points	1, 084
Rail deliveries from Alabama at mill points	894
	<hr/> 52, 596
Net movement	315, 184
Add mill purchases	334, 873
	<hr/> 650, 057
Less taken from ports	3, 331
	<hr/> 646, 726

The receipts at Wilmington, as shown in the above statement, include all cotton forwarded by rail and coastwise from interior North Carolina points.

CROP OF OKLAHOMA.

The following statement shows in detail the movement of cotton by rail from Oklahoma:

Forwarded—	Bales.
By rail to Gainesville, Tex	42, 730
By rail to Ardmore, Ind. T	14, 359
By rail to St. Louis, Mo	10, 240
By rail to Denison, Tex	5, 977
By rail to New York, N. Y	5, 969
By rail to Boston, Mass	5, 653
By rail to Western mills	5, 073
By rail to New England mills	4, 526
By rail to Sherman, Tex	4, 139
By rail to Fort Smith, Ark	2, 920
By rail to Galveston, Tex	2, 799
By rail to Houston, Tex	2, 785
By rail to Seattle, Wash	980
By rail to Chicago, Ill	852
By rail to Baltimore, Md	367
By rail to San Francisco, Cal	200
By rail to Fort Worth, Tex	169
By rail to Purcell, Ind. T	145
By rail to New Orleans, La	114
By rail to South McAlester, Ind. T	96
By rail to Dallas, Tex	56
By rail to Wister, Ind. T	12
By rail to Missouri points	7
By rail to Topeka, Kans	5
By rail to Memphis, Tenn	1
By rail to Hutchinson, Kans	1
	<hr/> 110, 175

Total movement and crop of Oklahoma.....

CROP OF SOUTH CAROLINA.

The following statement shows in detail the movement of cotton by rail, water, and wagon from interior points in South Carolina:

Forwarded—	Bales.
By rail and water to Charleston	166, 734
By rail to Wilmington, N. C	147, 562
By rail, water, and wagon to Augusta, Ga	136, 695
By rail to Norfolk, Va	64, 736
By rail to North Carolina mills	43, 131
By rail and water to Savannah, Ga	37, 222
By rail to Port Royal	21, 935
By rail to Virginia mills	10, 050
By rail to New York, N. Y	5, 043

Forwarded—Continued.		Bales.
By rail to Georgia mills.....		1, 275
By rail to Philadelphia, Pa.....		899
By rail to New England mills.....		786
By rail to Boston, Mass.....		389
By rail to Baltimore, Md.....		71
By rail to Brunswick, Ga.....		5
By rail to Detroit, Mich.....		5
By rail to Vicksburg, Miss.....		4
Total movement.....		636, 542
Less—		
Rail deliveries from Georgia at mill points.....	1, 248	
Rail deliveries from North Carolina at mill points.....	233	
Rail deliveries from Tennessee at mill points.....	50	
		1, 581
Net movement.....		634, 961
Add mill purchases.....		398, 456
		1, 033, 417
Less taken from ports.....		3, 332
Total crop of South Carolina.....		1, 030, 085

The receipts at Charleston, as shown in the above statement, include all cotton forwarded by rail, river, and coastwise from interior South Carolina points.

CROP OF TENNESSEE.

The following statement shows in detail the movement of cotton by rail, water, and wagon from Tennessee:

Forwarded—		Bales.
By rail, water, and wagon to Memphis.....		154, 635
By rail to New England mills.....		42, 235
By rail to Ohio River points.....		15, 001
By rail and water to St. Louis, Mo.....		7, 648
By rail to New Orleans, La.....		6, 892
By rail to Boston, Mass.....		3, 343
By rail to Baltimore, Md.....		2, 931
By rail to Norfolk, Va.....		2, 925
By rail to Port Royal, S. C.....		2, 782
By rail to Alabama mills.....		2, 322
By rail to Charleston, S. C.....		2, 150
By rail to Canada.....		2, 139
By rail to Philadelphia, Pa.....		1, 821
By rail to Mississippi points.....		1, 501
By rail to New York, N. Y.....		1, 322
By rail to Pensacola, Fla.....		1, 210
By rail to Brunswick, Ga.....		1, 086
By rail to North Carolina mills.....		1, 084
By rail to Mobile, Ala.....		1, 015
By rail to Newport News, Va.....		1, 000
By rail to Savannah, Ga.....		902
By rail to Louisville, Ky.....		581
By rail to Seattle, Wash.....		500
By rail to North Atlantic ports.....		289
By rail to interior Georgia points.....		240
By rail to West Point, Va.....		133
By rail to Virginia mills.....		135
By rail to Cincinnati, Ohio.....		80
By rail to South Carolina mills.....		50
By rail to Chicago, Ill.....		3
Total movement.....		257, 960
Less—		
Rail deliveries from Alabama at mill points.....	18, 836	
Rail deliveries from Georgia at mill points.....	3, 625	

Less—Continued.		Bales.
Rail deliveries from Mississippi at interior points	2,604	
Rail deliveries from Florida at mill points	33	
		<hr/> 25,098
Net movement		232,862
Add mill purchases		35,773
		<hr/> 268,635
Total crop of Tennessee		268,635

For statistical purposes Memphis is treated as a port, as the bulk of the cotton produced in the State is marketed there and distributed thence to ports and New England mills. Hence no account is taken of shipments from Memphis, but only of those from other interior points to points beyond the State boundary.

CROP OF TEXAS.

The following statement shows in detail the movement of cotton by rail, water, and wagon from interior points in Texas:

Forwarded—		Bales.
By rail and water to Galveston	1,811,249	
By rail to New Orleans, La.	613,027	
By rail to New England mills	85,457	
By rail to St. Louis, Mo.	80,011	
By rail to San Francisco, Cal.	60,893	
By rail to Boston, Mass.	43,881	
By rail to Seattle, Wash.	42,681	
By rail and wagon to Shreveport, La.	39,379	
By rail to New York, N. Y.	37,721	
By rail to Tacoma, Wash.	23,154	
By rail to North Atlantic ports	21,681	
By rail to Corpus Christi	17,191	
By rail and wagon to Logansport, La.	12,446	
By rail to Eagle Pass	11,205	
By rail and wagon to Texarkana, Ark.	5,841	
By rail to Philadelphia, Pa.	4,738	
By rail to Baltimore, Md.	4,459	
By rail to Western mills	2,583	
By rail to Portland, Oreg.	400	
By rail to Canada	251	
By rail to Memphis, Tenn.	143	
By rail to Missouri points	60	
By rail to Wichita, Kans.	3	
		<hr/>
Total movement	2,918,454	
Less—		
Rail deliveries from Oklahoma at Gainesville	42,730	
Rail and wagon deliveries from Indian Territory at Denison ..	20,057	
Rail and wagon deliveries from Indian Territory at Gainesville ..	11,135	
Rail deliveries from Indian Territory at interior points	7,456	
Rail deliveries from Oklahoma at Denison	5,977	
Rail deliveries from Louisiana at Houston	4,502	
Rail deliveries from Oklahoma at Sherman	4,139	
Rail deliveries from Indian Territory at Sherman	2,785	
Rail deliveries from Oklahoma at Houston	2,785	
Rail deliveries from Indian Territory at Houston	1,160	
Rail deliveries from Oklahoma at Fort Worth	169	
Rail deliveries from Oklahoma at Dallas	56	
Rail deliveries from Indian Territory at Fort Worth	33	
Rail deliveries from Arkansas at Paris	5	
Rail deliveries from Indian Territory at Dallas	2	
		<hr/> 102,991
Net movement	2,815,463	
Add mill purchases	14,312	
		<hr/> 2,829,775
Less taken from ports	7,367	
		<hr/> 2,822,408
Total crop of Texas	2,822,408	

The cotton shown in the above statement as forwarded to Galveston includes the receipts at that port via rail and water from interior Texas points only; that to San Francisco, Seattle, and Tacoma includes only such cotton as was forwarded from interior points in the State, the bulk of which was exported to Japan. All cotton shown as forwarded to Corpus Christi and Eagle Pass was exported to Mexico.

CROP OF VIRGINIA.

The following statement shows in detail the movement of cotton by rail from interior points in Virginia:

Forwarded—	Bales.
By rail to Norfolk	8, 276
By rail to Petersburg	4, 602
Total movement and crop of Virginia	12, 878

PURCHASED BY MILLS.

The investigation of the amount of cotton purchased by mills located in the cotton-growing States shows that 1,277,674 bales were taken from the current crop. This is 295,683 bales, or 30.1 per cent, more than was purchased by these mills in 1896-97. Without an exception every State shows increased purchases, the per cent of increase ranging from 7.7 in Louisiana to 65.2 in Missouri. In the States of greatest consumption the increase is especially marked, that in Alabama being 41.9, in Georgia 25.2, North Carolina 36.6, and South Carolina 33.8 per cent. During the year there were 425 mills in operation, as compared with 402 in 1896-97.

The figures in the following table are based upon actual statements made by the officials of the mills in operation, which include woolen as well as cotton mills, showing their monthly purchases, the statements having been revised at the close of the year. Only one mill failed to make a report, and this mill in 1896-97 purchased 447 bales of cotton.

Comparative mill statistics for 1896-97 and 1897-98.

States.	Number of mills.		Bales bought.		Per cent of increase.
	1896-97.	1897-98.	1896-97.	1897-98.	
Alabama	31	37	68, 658	97, 404	41. 9
Arkansas	2	2	1, 459	1, 645	12. 7
Georgia	76	77	227, 831	285, 219	25. 2
Kentucky	10	11	24, 214	26, 516	9. 5
Louisiana	2	3	14, 922	16, 065	7. 7
Mississippi	7	7	16, 863	20, 508	21. 6
Missouri	2	3	2, 435	4, 023	65. 2
North Carolina	152	161	245, 177	334, 873	36. 6
South Carolina	73	76	297, 782	398, 456	33. 8
Tennessee	28	29	30, 746	35, 773	16. 4
Texas	4	4	12, 499	14, 312	14. 5
Virginia	15	15	39, 405	42, 880	8. 8
Total	402	425	981, 991	1, 277, 674	30. 1

The following table shows the crop of each State, the amount of cotton purchased by the mills of each State, the amount taken by the mills of one State from the crop of another, and, so far as disclosed by this investigation, the per cent the mills of each State purchased from the crop of the State in which they are located, and the per cent of the total purchases taken from other States. As far as can be ascertained, the mills of Kentucky, Missouri, and Virginia do not consume

any of the cotton grown in their States, though it is possible that some of the local deliveries of cotton may be used by the mills of Virginia. At such mill points as Charlotte, N. C.; Augusta, Columbus, and West Point, Ga.; Eufaula, Ala.; and Columbus, Miss., there are large deliveries by rail and wagon from plantations in adjacent States, and it is impossible to ascertain the extent of the mill purchases from these States.

Crops and mill consumption in 1897-98.

States.	Crops.	Total mill consumption.	Taken for mill consumption from other States.	Per cent of State's production taken for mill consumption within the State.	Per cent of mill consumption taken from other States.
	<i>Bales.</i>	<i>Bales.</i>	<i>Bales.</i>		
Alabama	1, 112, 681	97, 404	2, 322	8. 5	2. 4
Arkansas	942, 261	1, 645		. 2	
Georgia	1, 350, 781	285, 219	14, 778	20. 0	5. 2
Kentucky	139	26, 516	26, 516		100. 0
Louisiana	788, 325	16, 065		2. 0	
Mississippi	1, 524, 771	20, 508		1. 3	
Missouri	26, 848	4, 023			100. 0
North Carolina	646, 726	374, 873	52, 596	43. 6	15. 7
South Carolina	1, 030, 085	398, 456	1, 581	38. 5	. 4
Tennessee	268, 635	35, 773	25, 098	4. 0	70. 2
Texas	2, 822, 408	14, 312		. 5	
Virginia	12, 878	42, 880	42, 880		100. 0

SEA-ISLAND COTTON CROP OF 1897-98.

The production of sea-island cotton in 1897-98 amounted to 76,279 bales, as compared with 104,368 bales in 1896-97. There was a decrease, owing to reduced acreage, in all the States producing this variety of cotton. In Georgia the decrease was from 64,663 to 41,364 bales; in Florida, from 26,431 to 24,656 bales; in South Carolina, from 10,769 to 10,242 bales; and in Texas, from 2,500 to 10 bales. The table below gives the crop of each State and the ports to which the cotton was forwarded, the information being based on the official statements of the railway lines and of the Department's special agents at Charleston, Jacksonville, and Savannah.

Sea-island cotton crop of 1897-98.

States.	Receipts at—					Total crop.
	Savannah.	Charleston.	Jacksonville.	Brunswick.	Beaufort.	
	<i>Bales.</i>	<i>Bales.</i>	<i>Bales.</i>	<i>Bales.</i>	<i>Bales.</i>	<i>Bales.</i>
Georgia	39, 794	4		1, 566		41, 364
Florida	19, 408		5, 168	80		24, 656
South Carolina	41	10, 144			57	10, 242
Texas		10				10
Alabama	7					7
Total	59, 250	10, 158	5, 168	1, 646	57	76, 279

VALUE OF THE COTTON CROP OF 1897-98.

The following table is an exhibit of the value of the upland and sea-island cotton crops of 1897-98. The gross commercial weight of bales

for each State is used, and the price per pound is the average price during the season at the principal market of each State and Territory:

States and Territories.	Upland crop.				Sea-island crop.				Total value.
	Production.	Weight per bale.	Price per pound.	Value.	Production.	Weight per bale.	Price per pound.	Value.	
	<i>Bales.</i>	<i>Pounds.</i>	<i>Cents.</i>		<i>Bales.</i>	<i>Pounds.</i>	<i>Cents.</i>		
Alabama	1, 112, 674	500	5. 65	\$31, 998, 835	7	372	13. 0	\$339	\$31, 999, 174
Arkansas	942, 267	502	5. 77	27, 293, 141	.....	.....	.....	.....	27, 293, 141
Florida	29, 001	496	5. 57	801, 216	24, 656	372	13. 0	1, 375, 805	2, 177, 621
Georgia	1, 300, 417	496	5. 57	36, 175, 525	41, 364	390	13. 0	2, 097, 155	38, 272, 680
Indian Ter.	207, 386	529	5. 78	6, 341, 076	.....	.....	.....	.....	6, 341, 076
Kansas	139	502	5. 77	4, 026	.....	.....	.....	.....	4, 026
Kentucky	35	502	5. 77	1, 014	.....	.....	.....	.....	1, 014
Louisiana	788, 325	510	5. 69	22, 876, 403	.....	.....	.....	.....	22, 876, 403
Mississippi	1, 524, 771	509	5. 69	44, 160, 570	.....	.....	.....	.....	44, 160, 570
Missouri	26, 848	502	5. 77	777, 663	.....	.....	.....	.....	777, 663
North Carolina ..	646, 726	498	5. 93	19, 098, 724	.....	.....	.....	.....	19, 098, 724
Oklahoma	110, 175	529	5. 73	3, 368, 753	.....	.....	.....	.....	3, 368, 753
South Carolina ..	1, 019, 843	492	5. 60	28, 098, 714	10, 242	344	18. 0	634, 185	28, 732, 899
Tennessee	268, 635	502	5. 72	7, 713, 693	.....	.....	.....	.....	7, 713, 693
Texas	2, 822, 398	529	5. 78	86, 298, 206	10	353	13. 0	459	86, 298, 665
Utah	60	500	5. 78	1, 734	.....	.....	.....	.....	1, 734
Virginia	12, 878	490	5. 93	374, 196	.....	.....	.....	.....	374, 196
Total	10, 821, 578	510	5. 71	315, 383, 469	76, 279	378	14. 2	4, 107, 943	319, 491, 412

Average, production in each State and Territory in 1897-98, acres required to produce a bale, and the yield per acre in bales.

States and Territories.	Acres.	Bales.	Acres per bale.	Bales per acre.
Alabama	2, 709, 460	1, 112, 681	2. 44	0. 41
Arkansas	1, 619, 785	942, 267	1. 72	. 58
Florida	251, 109	53, 657	4. 68	. 21
Georgia	3, 537, 792	1, 350, 781	2. 62	. 38
Indian Territory ..	317, 992	207, 386	1. 53	. 65
Kansas	285	139	2. 05	. 49
Kentucky	105	35	3. 00	. 33
Louisiana	1, 245, 399	788, 325	1. 58	. 63
Mississippi	2, 778, 610	1, 524, 771	1. 82	. 55
Missouri	83, 319	26, 848	3. 10	. 32
North Carolina ..	1, 302, 437	646, 726	2. 01	. 50
Oklahoma	216, 664	110, 175	1. 97	. 51
South Carolina ..	2, 074, 778	1, 030, 085	2. 01	. 50
Tennessee	967, 077	268, 635	3. 60	. 28
Texas	7, 164, 175	2, 822, 408	2. 54	. 39
Utah	75	60	1. 25	. 80
Virginia	50, 612	12, 878	3. 93	. 25
Average	24, 319, 584	10, 897, 857	2. 23	. 45

COMPARATIVE ACREAGE AND PRODUCTION.

There was an increase in 1897 in the acreage planted in cotton, as compared with 1896, in all the principal cotton-growing States except Florida and Mississippi, the decrease in the former being 13,216 and in the latter 56,706 acres. The increase in all States and Territories was 1,046,375 acres. There was an increase in production in 1897, as compared with 1896, in all the principal States, the total increase being 2,365,152 bales. Not only was the acreage in 1897 the largest ever planted, but the yield was unprecedented in the history of cotton planting. Texas did not produce as large a crop as in 1894, when the crop was the largest ever grown until 1897, but all the other States show a considerable increase as compared with 1894.

Comparative acreage and production, 1896 and 1897.

States and Territories.	Acres.		Bales.		Acres.		Bales.	
	1896.	1897.	1896.	1897.	Increase.	Decrease.	Increase.	Decrease.
Alabama	2,656,333	2,709,460	833,789	1,112,681	53,127	-----	278,892	-----
Arkansas	1,542,652	1,619,785	605,643	942,267	77,133	-----	336,624	-----
Florida	264,325	251,109	48,730	53,657	-----	13,216	4,927	-----
Georgia	3,468,335	3,537,702	1,299,340	1,350,781	69,367	-----	51,441	-----
Indian Ter.	141,124	317,992	87,705	207,386	176,868	-----	119,681	-----
Kansas	150	285	61	139	135	-----	78	-----
Kentucky	1,200	105	414	35	-----	1,095	-----	379
Louisiana	1,245,399	1,245,399	567,251	788,325	0	0	221,074	-----
Mississippi	2,835,316	2,778,610	1,201,000	1,524,771	-----	56,706	323,771	-----
Missouri	77,868	83,319	24,119	26,848	5,451	-----	2,729	-----
North Carolina ..	1,228,714	1,302,437	521,795	646,726	73,723	-----	124,931	-----
Oklahoma	78,550	216,664	35,251	110,175	138,114	-----	74,924	-----
South Carolina ..	2,014,348	2,074,778	936,463	1,030,085	60,430	-----	93,622	-----
Tennessee	912,337	967,077	236,781	268,635	54,740	-----	31,854	-----
Texas	6,758,656	7,164,175	2,122,701	2,822,408	405,519	-----	699,707	-----
Utah	155	75	123	60	-----	80	-----	63
Virginia	47,747	50,612	11,539	12,878	2,865	-----	1,339	-----
Total	23,273,209	24,319,584	8,532,705	10,897,857	a1,046,375	-----	a2,365,152	-----

a Net increase.

United States crops, exports, imports, and consumption of cotton, 1888-89 to 1897-98.

Years.	United States crop (commercial bales).	Exports (commercial bales).	Consumed by United States mills (commercial bales).	Average net weight per bale.	Average price (mid-ling up-land, New York).	Imports (500-pound bales).
				Pounds.	Cents.	
1888-89	6,938,290	4,813,374	2,314,091	470	10.71	10,995
1889-90	7,311,322	4,979,412	2,390,959	471	11.53	15,946
1890-91	8,652,597	5,817,990	2,632,023	473	9.03	17,212
1891-92	9,035,379	5,893,868	2,876,846	473	7.64	41,818
1892-93	6,700,365	4,473,206	2,431,134	475	8.24	57,328
1893-94	7,549,817	5,300,458	2,319,688	474	7.67	86,736
1894-95	9,901,251	6,850,327	2,946,677	484	6.50	55,412
1895-96 a	7,161,094	4,701,791	2,504,972	477	8.16	98,664
1896-97 a	8,532,075	6,036,713	2,847,351	477	7.72	110,701
1897-98 a	10,897,857	7,648,699	3,443,581	482	6.22	103,798

a Estimates of Department; all other figures are those of Latham, Alexander & Co.

THE WORLD'S CONSUMPTION OF COTTON.

There are no available statistics showing the annual production of cotton in the various countries of the world except for the United States, India, and Egypt.

India, next to the United States, is the largest producer of cotton, its crop in 1897-98 being estimated at 2,844,000 bales of 400 pounds each. The Indian mills consume a little over 1,000,000 bales, the remainder of the crop being exported. In 1897-98 about 641,000 bales were exported to Europe, 450,000 to Japan, and perhaps a small amount to China.

China perhaps ranks third among the cotton-producing countries, "but," says United States Consul-General Goodnow, in a recent report, "no one can tell the annual production of cotton in China with any degree of accuracy. There are no statistics, either national or provincial, on such subjects." Heronroughly estimates the crop at 660,000,000 pounds, or, say, 1,320,000 bales of 500 pounds each. The entire crop is consumed at home, with the exception of the exports to Japan, which Mr. Thomas Ellison estimated to be 70,467,000 pounds in 1897, or about 141,000 bales of 500 pounds each.

Egypt follows China in cotton production, although it ranks third as an exporter of cotton. The crop of 1897-98 amounted to 843,211 bales of about 735 pounds each. There are very few mills in Egypt, and hence practically the entire crop is exported, most of it going to European countries, except about 61,000 bales to the United States and a small amount to Japan.

The approximate production of all other countries, as estimated by this Department in 1896 (Circular No. 1), is as follows, in bales of 500 pounds: Korea, 400,000; Asiatic Russia, 300,000; Brazil, 224,800; Africa, 100,000; Turkey, 93,600; Japan, 73,200; Mexico, 64,000; Peru and West Indies, 46,400; Persia, 32,800; Greece, 7,760; Java, 5,200; Malta, 3,680; Tahiti, 920; Italy, 456; Fiji Islands, 440. Siam is also a cotton-producing country, but to what extent is not known. In 1896, according to a report of the United States consul-general at Singapore, Mr. Pratt, Siam exported 115,536 pounds of raw cotton to Japan, and Korea exported to the same country 4,153 pounds. Anam and other French Indian provinces also produce cotton. United States Consul Lyon, at Hiogo, Japan, reports that in 1897 the imports into Japan from these possessions amounted to 2,191,200 pounds, or about 4,382 bales of 500 pounds.

The following table, compiled by Messrs. Latham, Alexander & Co., of New York, gives the consumption of cotton (in 500-pound bales) in Great Britain, the European continent, the United States, and India, and indicates the progress of the cotton industry during the past ten years:

Years.	Great Britain.	Continent of Europe.	United States.	India.	Total.
	<i>Bales.</i>	<i>Bales.</i>	<i>Bales.</i>	<i>Bales.</i>	<i>Bales.</i>
1888-89	3,016,000	3,256,000	2,143,000	637,000	9,117,000
1889-90	3,227,000	3,432,000	2,185,000	791,000	9,635,000
1890-91	3,384,000	3,631,000	2,367,000	924,000	10,306,000
1891-92	3,181,000	3,619,000	2,576,000	914,000	10,290,000
1892-93	2,866,000	3,661,000	2,551,000	918,000	9,996,000
1893-94	3,233,000	3,827,000	2,264,000	959,000	10,283,000
1894-95	3,250,000	4,030,000	2,742,000	1,052,000	11,075,000
1895-96	3,276,000	4,100,000	2,572,000	1,105,000	11,113,000
1896-97	3,224,000	4,368,000	2,738,000	1,004,000	11,334,000
1897-98	3,380,000	4,576,000	2,962,000	1,058,000	11,976,000

SPINDLES IN OPERATION IN 1898.

The Department is indebted to Mr. Thomas Ellison, of Liverpool, for the following estimate of the number of spindles in operation in 1898 in all countries of the world except the United States and Brazil. Mr. Ellison says that no reliable data as to the latter country, where a considerable number of spindles have been put up in the past few years, are available; also that there are some spindles at work in Turkey and Egypt (Alexandria), but that they are not yet important:

Greece	70,000	Great Britain	44,000,000
Portugal	230,000	United States:	
Holland	290,000	North	13,900,000
Sweden	309,000	South	3,456,537
Belgium	900,000		17,356,537
Poland	965,000	East India	4,665,613
Switzerland	1,710,000	Japan	1,150,000
Italy	1,836,000	China	565,000
Spain	2,615,000	Canada	491,252
Austria	3,110,000	Mexico	418,156
France	5,330,000		
Russia	6,000,000	Total world's spindles	100,326,563
Germany	7,884,000		
The Continent	31,350,000		

CONSUMPTION OF AMERICAN COTTON BY FOREIGN COUNTRIES.

The following table, compiled from the reports of the Bureau of Statistics of the Treasury Department, gives the number of bales of cotton exported to foreign countries in 1889, as compared with the fiscal year ended June 30, 1898, the bales being reduced to the uniform weight of 500 pounds each.

The export value of the cotton is also added to the table. With the exception of Russia and the Netherlands, the increase in exports to nearly all other countries has been very large, in most of them the amount being more than double what it was ten years ago. In 1889 only 47 bales were exported to Japan, and not a bale to either China or the British East Indies. In 1898 Japan had increased her takings of American cotton to 224,214 bales, while China and the British East Indies are shown in our export trade as consumers of American cotton, over 13,000 bales having been sent to Chinese ports in 1898. Although there has been so large an increase in the export of cotton since 1889, owing to the extremely low prices in 1897-98, the value of the total exports was \$7,333,055 less than in 1889.

Exports of cotton from United States to foreign countries.

[In bales of 500 pounds.]

Countries.	1889.		1898.	
	Bales.	Value.	Bales.	Value.
Austria-Hungary.....	5,610	\$275,275	35,614	\$987,724
Belgium.....	147,807	7,556,687	161,942	4,809,609
Denmark.....			24,741	732,810
France.....	400,196	20,174,839	842,038	24,599,724
Germany.....	660,756	32,308,593	1,858,524	51,886,245
Italy.....	131,068	6,460,413	387,581	11,468,025
Netherlands.....	44,354	2,188,771	43,509	1,292,788
Portugal.....			18,835	588,023
Russia.....	144,036	7,506,201	103,825	3,193,758
Spain.....	181,533	9,200,998	263,648	8,180,070
Sweden and Norway.....	8,717	420,412	25,613	744,287
United Kingdom.....	2,940,800	146,605,505	3,532,101	105,853,614
Other Europe.....	9,547	475,182		
Dominion of Canada.....	61,143	2,980,556	122,495	3,961,586
Mexico.....	33,803	1,607,395	42,433	1,321,473
West Indies (French).....			17	653
China.....			11,302	370,670
East Indies (British).....			297	9,130
Hongkong.....			1,800	72,000
Japan.....	47	2,341	224,214	7,428,226
All other countries.....	216	12,102		
Total.....	4,769,633	237,775,270	7,700,529	230,442,215